

Sarah Mildred Long Bridge





West elevation of the Sarah Mildred Long Bridge looking South



Lift span west elevation
View looking south



Truss members and
"high rail" inspection
truck



Looking Towards Portsmouth, NH
from the top of north tower



Looking Towards Kittery, ME from
the top of the north tower



Existing Typical Deck Repairs showing signs of distress and delamination



Existing Typical Deck Repairs from previous rehabilitation work



Deck spalling adjacent to a
previous repair



Curb and roadway joint
deterioration



Girder hinge and expansion joint located beneath joint in roadway slab above



Previously repaired girder hinge seat detail showing signs of deterioration



Deteriorated curb stringer
adjacent to roadway drain
downspout



Curb stringer with holes in the web
adjacent to the clip angle connection
to roadway beam



Spans 13 & 14 roadway girder hinge
deterioration



Spans 13 & 14 roadway girder
hinge deterioration



Severe deterioration at top of railing



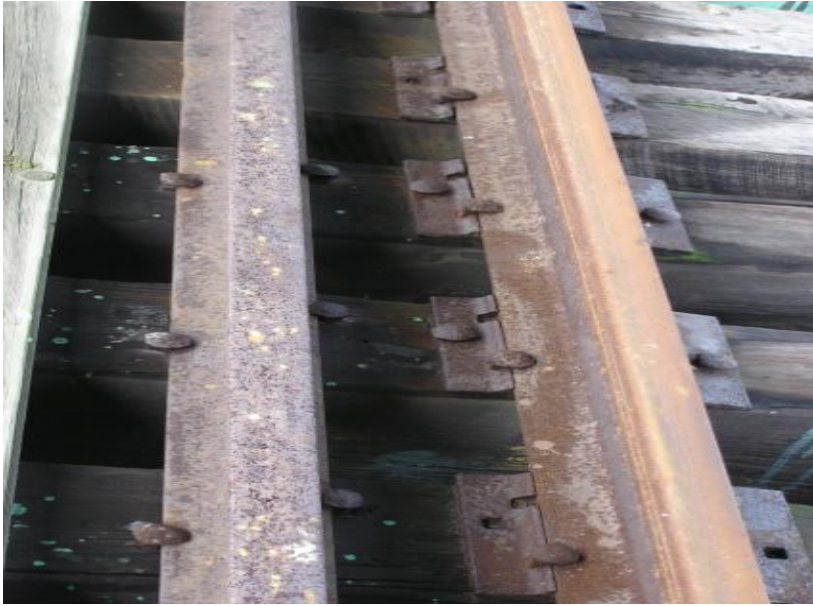
Holes in vertical railing post connection



Typical deterioration and previous repair details at connection of railing post to bridge steel



Mechanical equipment in north tower showing recent electrical and mechanical improvements including new lift motors



Track and ties



View of railroad track deck located
at the bottom chord of the bridge
truss



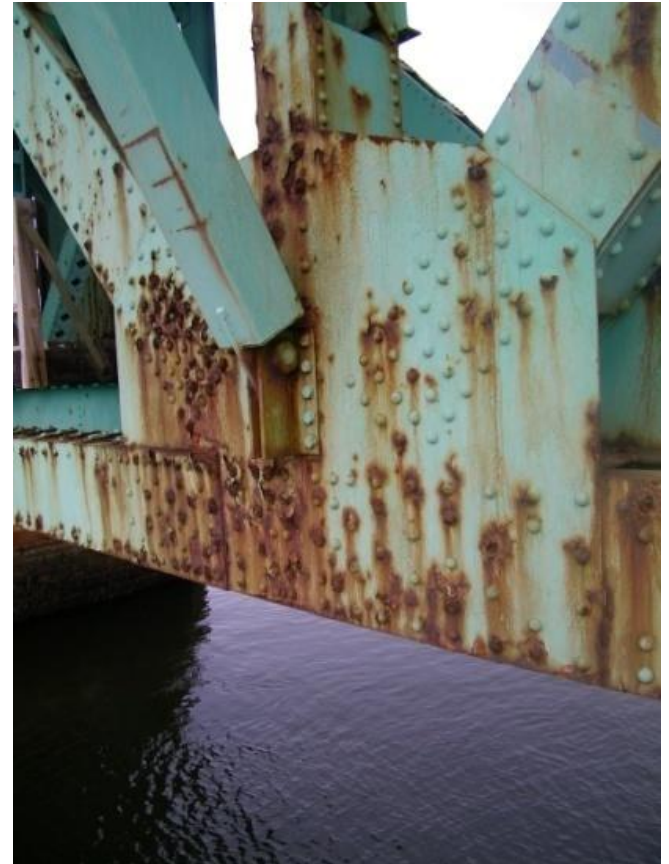
Spalling and surface
cracking at pier 7



Separation of steel protection jacket
at the base of pier 7



Bottom chord web and batten plate
(deterioration from drain overhead)



Condition under operator's house

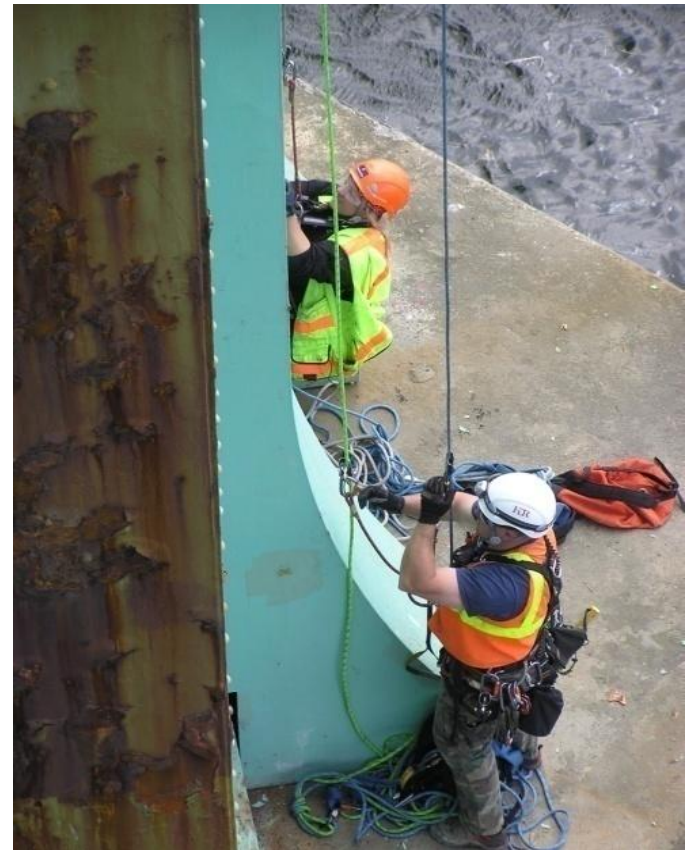
Examples of paint system condition and levels of deterioration



Paint condition at the movable span guide
frame



Bridge inspectors ready to descend from top of south tower



Finishing the tower inspections